Title (en)

METHOD AND SYSTEM FOR REMOTE ACCESS CONTROL

Title (de)

VERFAHREN UND SYSTEM ZUR FERNZUGRIFFSSTEUERUNG

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONTRÔLE D'ACCÈS À DISTANCE

Publication

EP 3201049 A4 20180704 (EN)

Application

EP 15845848 A 20150930

Priority

- US 201462058410 P 20141001
- US 201562189648 P 20150707
- US 201514869585 A 20150929
- US 2015053341 W 20150930

Abstract (en)

[origin: WO2016054276A1] A method to learn and then pair with a pre-installed access control system of a vehicle is discussed. Communication is exchanged between the access control system and a backend cloud-based system. Required data of the access control system including its particular authentication code is extracted by a learning device. A vehicle matching data is sent to the backend cloud-based system and the vehicle is registered with the backend cloud-based system. The learning device is registered to the access control system in accordance with learning procedures implemented in the vehicle as remote entry key. The learning device is coupled to a Radio Frequency signal transmitter that has Application-Specific Integrated Circuits to generate stable RF signals at multiple frequency wavelengths. Registration of learning device includes, receiving a first access control telegram message, transmitting the first access control telegram message to the access control system, pairing the learning device with the access control system.

IPC 8 full level

B60R 16/037 (2006.01); **B60R 25/20** (2013.01); **G07C 9/00** (2006.01); **H04W 4/44** (2018.01); **H04W 4/48** (2018.01); **H04W 76/10** (2018.01)

CPC (source: EP US)

B60R 25/2018 (2013.01 - US); **G07C 9/00182** (2013.01 - US); **G07C 9/00309** (2013.01 - EP US); **G07C 9/00571** (2013.01 - EP US); **G07C 9/20** (2020.01 - US); **H04W 4/44** (2018.01 - EP US); **H04W 4/48** (2018.01 - EP US); **H04W 12/06** (2013.01 - EP US); **H04W 12/08** (2013.01 - EP US); **H04W 12/50** (2021.01 - EP US); **H04W 76/10** (2018.01 - US); A63F 2300/532 (2013.01 - US); G06F 2221/2149 (2013.01 - US); G07C 2009/00412 (2013.01 - EP US); G07C 2009/00769 (2013.01 - EP US); G07C 2009/00888 (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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